

AMENDMENT UNDER 37 C.F.R. § 1.116  
Application Serial No. 09/998,423  
Attorney Docket No. Q67470

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (Currently Amended) A method for allocating a carrier frequency in a radiocommunication system in which data bursts are transmitted between a remote unit and a fixed unit, the method comprising:
  - recording a number of predetermined parameters which occur during a communication between the remote unit and the fixed unit ~~without taking measurements~~;
  - allocating a probability level to each of a plurality of carrier frequencies allocated to a communication, on the basis of weighting of the recorded parameters; and
  - selecting a carrier frequency, from among the plurality of carrier frequencies, which has a highest probability level to be allocated to a communication,  
wherein the predetermined parameters comprise at least one of errors that are produced during the communication and retransmissions during the communication.
  
2. (Currently Amended) A system for allocating a radio channel in a wireless communication system, the system comprising:
  - a remote unit; and

a fixed unit configured to record a number of predetermined parameters which occur during a communication in which data bursts are transmitted between the remote unit and the fixed unit ~~without taking measurements~~, allocate a probability level to each of a plurality of carrier frequencies allocated to a communication on the basis of weighting of the recorded parameters, and select a carrier frequency, from among the plurality of carrier frequencies, which has a highest probability level to be allocated to a communication,  
wherein the predetermined parameters comprise at least one of errors that are produced during the communication and retransmissions during the communication.

3-4. (canceled).

5. (Currently Amended) A fixed unit of a wireless communication system, the fixed unit being configured to record a number of predetermined parameters which occur during a communication in which data bursts are transmitted between a remote unit and the fixed unit ~~without taking measurements~~, allocate a probability level to each of a plurality of carrier frequencies allocated to a communication on the basis of weighting of the recorded parameters, and select a carrier frequency, from among the plurality of carrier frequencies, which has a highest probability level to be allocated to a communication,  
wherein the predetermined parameters comprise at least one of errors that are produced during the communication and retransmissions during the communication.

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6. (canceled).